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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/708,587	03/12/2004	Yukio MARUTA	040103	2586
23850	7590 06/30/2005		EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K STREET, NW			PICARDAT, KEVIN M	
SUITE 1000	,		ART UNIT	PAPER NUMBER
WASHING	TON, DC 20006		2822	
			DATE MAILED: 06/30/2009	5

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No.	Applicant(s)					
		10/708,587	MARUTA ET AL.					
	Office Action Summary	Examiner	Art Unit					
	•	Kevin M. Picardat	2822					
Period fo	The MAILING DATE of this communication reply	n appears on the cover sheet with	the correspondence address					
THE - Exte after - If the - If NO - Failu	ORTENED STATUTORY PERIOD FOR R MAILING DATE OF THIS COMMUNICATION of time may be available under the provisions of 37 C SIX (6) MONTHS from the mailing date of this communication period for reply specified above is less than thirty (30) days period for reply is specified above, the maximum statutory pure to reply within the set or extended period for reply will, by reply received by the Office later than three months after the ed patent term adjustment. See 37 CFR 1.704(b).	ON. FR 1.136(a). In no event, however, may a replon. , a reply within the statutory minimum of thirty (Speriod will apply and will expire SIX (6) MONTH statute, cause the application to become ABAN	y be timely filed  30) days will be considered timely.  S from the mailing date of this communication  DONED (35 U.S.C. § 133).	<b>).</b>				
Status								
1)🖂	Responsive to communication(s) filed on	22 March 2004.						
2a)□	This action is <b>FINAL</b> . 2b)							
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposit	ion of Claims		·					
5)□ 6)⊠	Claim(s) <u>1-16</u> is/are pending in the applicated 4a) Of the above claim(s) is/are with Claim(s) is/are allowed.  Claim(s) <u>1,2,4-7,9-11 and 13-16</u> is/are rejuding Claim(s) <u>3,8 and 12</u> is/are objected to.  Claim(s) are subject to restriction and an experimental content of the application of the application and the application of the appl	hdrawn from consideration. ected.						
Applicat	ion Papers							
9)[	9) The specification is objected to by the Examiner.							
10)🛛	The drawing(s) filed on 12 March 2004 is/are: a) accepted or b) objected to by the Examiner.  Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
11)	Replacement drawing sheet(s) including the of the oath or declaration is objected to by the	,	•	l <b>)</b> .				
Priority ι	under 35 U.S.C. § 119		•					
a)	Acknowledgment is made of a claim for fo All b) Some * c) None of:  1. Certified copies of the priority documents.  2. Certified copies of the priority documents.  3. Copies of the certified copies of the application from the International Base the attached detailed Office action for a second company.	ments have been received.  ments have been received in Appropriority documents have been received in Appropriate the priority documents have been received (PCT Rule 17.2(a)).	lication No ceived in this National Stage					
Attachmen	• •	·						
	e of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PTO-94)	4) Interview Sun Paper No(s)/N	nmary (PTO-413) Mail Date					
3) 🔀 Infori	mation Disclosure Statement(s) (PTO-1449 or PTO/S r No(s)/Mail Date <u>3-22-04</u> .	· —	mal Patent Application (PTO-152)					

Application/Control Number: 10/708,587

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## **DETAILED ACTION**

## **Priority**

Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

## Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 4-7, 9-11 and 13-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Itoh et al. US 5,086,015.

Itoh et al. discloses a method and apparatus for cutting a wire formed on a semiconductor substrate including forming a cut portion by scanning the substrate with a focused ion beam to cut the wire (8), and forming a clear region (8a), continuously from the cut portion by scanning the substrate with the FIB, wherein the cut portion is a first cavity and the clear region is a second and third cavity, wherein the apparatus has a processor, controller and memory (see figs. 4 and 7 and related text).

Claims 3, 8 and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin M. Picardat whose telephone number is 571-272-1841. The examiner can normally be reached on Monday-Thursday 7:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amir Zarabian can be reached on 571-272-1852. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kevin M. Picardat Primary Examiner

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